

Technical Data Sheet

Raffinate II - C9 Aromatics

Raffinate 2 is produced in a subsequent stage after cracking naphtha in the Steam cracker. It is an unsaturated hydrocarbon and it is used in various application areas of the chemical industry. Important characteristics of Raffinate 2 are highly flammable, colorless, sweet smell.

Applications:

- Raffinate is used in the production of olefin units.
- Used as fuel

Properties	Value	Unit	Test Method
Non Aromatics	3 max	wt. %	UOP-744-86
Benzene	0.1 max	wt. %	UOP-744-86
Toluene	0.1 max	wt. %	UOP-744-86
EB + PX + MX + OX	4 max	wt. %	UOP-744-86
C9 Aromatics	75 min	wt. %	UOP-744-86
C10+ Aromatics	25 max	wt. %	UOP-744-86
Specific Gravity at 15.56	0.88-0.89	°c	ASTM D- 4052-11
I.B.P	160	°c	ASTM D- 850-02 ASTM D- 86-05
F.B.P	Max 220	°c	ASTM D- 850-02 ASTM D- 86-05
RON	>105		ASTM D 2699-04
Corrosion	1a		ASTM D- 130-04
Gum	wash:4.2-Unwash:10.4	mg/100ml	ASTM D- 381
Induction Period	>700	min	ASTM D- 525
Total Sulfur	1 max	wt.ppm	ASTM D- 4045-99
Vapor Pressure	<0.1	psi	ASTM D- 323-99A
Color, pt-co scale	-16		ASTM D 1209-11
Flash point	38	°c	ASTM D 92-05A